

SPECIFICATION AMENDMENT

1. Please replace the paragraph beginning at line 29 page 7 with the following amended paragraph:

[0025] FIG. 3 illustrates one of the compressor cylinders 12a - 12d of FIGURE 1, with load pockets and load valves used for load step control. Each end (head and crank) of cylinder 12a has two load pockets 31. A valve 32 is used to either open or close the opening between the pocket 31 and the cylinder. In this example, each of four load pockets 31 has a capacity of one-quarter of the gas compressed by cylinder [31] 12a in one stroke. The pockets change the compression ratio of the compressor 12, and thus the power required by the engine 11 to drive the compressor cylinders.

2. Please replace the paragraph beginning at line 28 page 9 with the following amended paragraph:

[0033] At Load Step 1, all [compressors] cylinders have equal clearance volume; all [compressor] load pockets are closed. In Load Step 2, an additional 1410 cubic inches of clearance volume was created by the deactivation of the head end pocket in one of the compressor cylinders. The deactivation unloads one or more power cylinders because the gas in that compressor cylinder is being compressed to a lower pressure than the gas in the other compressor cylinders.